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A

Case Docket No. PHD 99,046

THE COMMISSIONER OF PATENTS AND TRADEMARKS, Washington, D.C. 20231

Enclosed for filing is the patent application of Inventor(s):  
MAREIKE KLEE, RAINER KIEWITT, HANS-PETER LOBL, PAUL VAN OPPEN, ROBERT  
DERKSEN

For: VOLTAGE-DEPENDENT THIN-FILM CAPACITOR

**ENCLOSED ARE:**

- ☒ Associate Power of Attorney;
- ☐ Information Disclosure Statement, Form PTO-1449 and copies of documents listed therein;
- ☒ Preliminary Amendment;
- ☒ Specification (12 Pages of Specification, Claims, & Abstract);
- ☒ Declaration and Power of Attorney:  
(2 Pages of a ☐ fully executed ☒ unsigned Declaration);
- ☒ Drawing (2 sheets of ☐ informal ☒ formal sheets);
- ☒ Certified copy of GERMAN application Serial No. 19915247.0;
- ☒ Other: CITATION OF RELATED CASES;
- ☐ Assignment to

**FEE COMPUTATION**

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE - 690.00
Total Claims	12 - 20 =	0	X \$18 =	0.00
Independent Claims	5 - 3 =	2	X \$78 =	156.00
Multiple Dependent Claims, if any			\$260 =	0.00
TOTAL FILING FEE . . . . .			=	\$846.00

Please charge Deposit Account No. 14-1270 in the amount of the total filing fee indicated above, plus any deficiencies. The Commissioner is also hereby authorized to charge any other fees which may be required, except the issue fee, or credit any overpayment to Account No. 14-1270.

☐ Amend the specification by inserting before the first line the sentence: --This is a continuation-in-part of application Serial No. , filed .--.

**CERTIFICATE OF EXPRESS MAILING**

Express Mail Mailing Label No. EL335550576  
Date of Deposit 4/2/00  
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Steven White      Steven White  
Typed Name                      Signature

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09541765 040300

U.S. PTO  
09/541765  
04/03/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

MAREIKE KLEE ET AL

PHD 99,046

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

VOLTAGE-DEPENDENT THIN-FILM CAPACITOR

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

JC682 U.S. PTO  
09/541765  
04/03/00

AUTHORIZATION PURSUANT TO 37 CFR §1.136(a)(3)  
AND TO CHARGE DEPOSIT ACCOUNT

Sir:

The Commissioner is hereby requested and authorized to treat any concurrent or future reply in this application requiring a petition for extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.

Please charge any additional fees which may now or in the future be required in this application, including extension of time fees, but excluding the issue fee unless explicitly requested to do so, and credit any overpayment, to Deposit Account No. 14-1270.

Respectfully submitted,

By Norman N. Spain  
Norman N. Spain, Reg. 17,846  
Attorney  
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MS28SPA0.SW0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

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MAREIKE KLEE ET AL

PHD 99,046

Serial No.

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VOLTAGE-DEPENDENT THIN-FILM CAPACITOR

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

CITATION OF RELATED CASES

Sir:

Attached is a report which was made by the assignee of the above-identified patent application.

The United States patent applications and issued patents identified in this report may be relevant to the examination of the above-identified patent application inasmuch as they have been identified by an automated search of the assignee's patent portfolio files as having common inventors with and/or subject matter which is classified by the assignee in the same technological field as the above-identified patent application. However, citation of this report is neither an admission that any document noted therein is prior art to the above-identified patent application nor a waiver of the confidential status of any listed patent application under 35 U.S.C. 122.

Respectfully submitted,

By Norman N. Spain  
Norman N. Spain, Reg. 17,846  
Attorney  
(914) 333-9625



# Related Cases/Technology Report for PHD 99046

KLEE, MAREIKE  
KIEWITT, RAINER  
LOBL, HANS-PETER  
VAN OPPEN, PAUL

Docket No.: PHD 99046  
Patent No.:  
OS Codes : CO 0120  
Title : VOLTAGE-DEPENDENT THIN-FILM CAPACITOR.

Attorney: UNASSIGNED  
Serial No.:



## Common Inventors

HINZ, HANS D.  
ROTHGORDT, ULF  
LOBL, HERBERT

Docket No.: PHD 79019  
Patent No.: 4330788  
OS Codes : FX2000  
Title :

Attorney: MILLER  
Serial No.: \_\_\_/126940

PRINTING DEVICE FOR ELECTROPHORETIC RECORDING.

HINZ, HANS D.  
LOBL, HERBERT

Docket No.: PHD 80026  
Patent No.: 4392194  
OS Codes : FX2000  
Title :

Attorney: SLOBOD  
Serial No.: \_\_\_/237817

CIRCUIT ARRANGEMENT FOR CONTROLLING A LARGE  
PRINTING ELECTRODES FOR NON-MECHCL PRINTING.

BRAND, HANS-WOLFGANG  
HENNING, DETLEF F.  
KLEE, MAREIKE K.  
SCHEINEMACHER, HERBERT

Docket No.: PHD 87155  
Patent No.: 4957888  
OS Codes : CO0120 CO0150  
Title :

Attorney: SPAIN  
Serial No.: \_\_\_/230647

METHOD OF MANUFACTURING CERAMIC POWDERS HAVING  
PEROVSKITE STRUCTURE.

KLEE, MAREIKE K.  
BRAND, HANS-WOLFGANG

Docket No.: PHD 87214  
Patent No.: 4859448  
OS Codes : CO0120 CO0110  
Title :

Attorney: SPAIN  
Serial No.: \_\_\_/209450

METHOD OF MANUFACTURING POWDERED BARIUM TITANTE.

KLEE, MAREIKE K.  
BRAND, HANS-WOLFGANG

Docket No.: PHD 87237  
Patent No.:  
OS Codes : CO0110 CO0120  
Title :

Attorney: SPAIN  
Serial No.: \_\_\_/271140

METHOD OF MANUFACTURING TITANIUM DIOXIDE POWDER.

KLEE, MAREIKE K.  
BRAND, HANS-WOLFGANG

Docket No.: PHD 87237A  
Patent No.: 4999181  
OS Codes : CO0110 CO0120  
Title :

Attorney: SPAIN  
Serial No.: \_\_\_/504731

METHOD OF MANUFACTURING TITANIUM DIOXIDE POWDER.

KLEE, M.K.  
BRAND, H.W.

Docket No.: PHD 87239  
Patent No.:  
OS Codes : CO0120 CO0110  
Title :

Attorney: SPAIN  
Serial No.: \_\_\_/209441

METHOD OF MANUFACTURING POWDERED BARIUM TITANATE.

KLEE, M.K.  
BRAND, H.W.

Docket No.: PHD 87239A  
Patent No.:  
OS Codes : CO0120 CO0110  
Title : METHOD OF MANUFACTURING POWDERED BARIUM TITANATE.

Attorney: SPAIN  
Serial No.: \_\_\_/401466

KLEE, MAREIKE K.  
STOTZ, SIEGFRIED  
BRAND, WOLFGANG.

Docket No.: PHD 88158  
Patent No.:  
OS Codes : CO0450  
Title : METHOD OF MANUFACTURING A SUPERCONDUCTING OXIDIC

Attorney: SPAIN  
Serial No.: \_\_\_/389641

BRAND, HANS-WOLFGANG  
KLEE, MAREIKE K.  
DE VRIES, JOHAN W.  
WASER, RAINER M.

Docket No.: PHD 90087  
Patent No.: 5160762  
OS Codes : CO0120 1201BP  
Title : METHOD OF MANUFACTURING MONO-LAYER CAPACITORS.

Attorney: KRAUS  
Serial No.: \_\_\_/706822

KLEE, MAREIKE  
BRAND, WOLFGANG  
VAN HAL, HENRICUS A.

Docket No.: PHD 91120  
Patent No.:  
OS Codes : CO0150 CO0120  
Title : METHOD OF MANUFACTURING FERROELECTRIC LAYERS ON A SUBSTRATE.

Attorney: TIERNEY  
Serial No.: 07/927702

KLEE, MAREIKE  
BRAND, WOLFGANG  
VAN HAL, HENRICUS A.

Docket No.: PHD 91120A  
Patent No.:  
OS Codes : CO0150 CO0120  
Title : METHOD OF MANUFACTURING FERROELECTRIC LAYERS ON A SUBSTRATE.

Attorney: TIERNEY  
Serial No.: 08/151589

KLEE, MAREIKE  
BRAND, WOLFGANG  
VAN HAL, HENRICUS A.

Docket No.: PHD 91120B  
Patent No.: 6007868  
OS Codes : CO0150 CO0120  
Title : METHOD OF MANUFACTURING FERROELECTRIC LAYERS ON A SUBSTRATE.

Attorney: TIERNEY  
Serial No.: 08/151589

KLEE, MAREIKE K.  
BRAND, HANS-WOLFGANG  
LARSEN, POUL

Docket No.: PHD 94033  
Patent No.:  
OS Codes : CO0120 CO0150  
Title : PEROVSKITE-CONTAINING COMPOSITE MATERIAL, METHOD MANUFACTURING SAID MATERIAL, ELECTRONIC COMPONENT

Attorney: SPAIN  
Serial No.: 08/408753

KLEE, MAREIKE K.  
BRAND, HANS-WOLFGANG  
JUNGK, HANS-OTTO

Docket No.: PHD 94080  
Patent No.:  
OS Codes : CO0120 CO0410  
Title : ELECTRONIC COMPONENT AND METHOD OF MANUFACTURING

Attorney: SPAIN  
Serial No.: 08/492467

KLEE, MAREIKE K.  
BRAND, HANS-WOLFGANG  
JUNGK, HANS-OTTO

Docket No.: PHD 94080V  
Patent No.: 5995359  
OS Codes : CO0120 CO0410  
Title : ELECTRONIC COMPONENT AND METHOD OF MANUFACTURING

Attorney: SPAIN  
Serial No.: 08/859796

KLEE, MAREIKE  
BRAND, WOLFGANG  
HERMANN, WILHELM  
ULENAERS, MATHIEU

Docket No.: PHD 96109  
Patent No.:  
OS Codes : CO0120  
Title : COMPONENT COMPRISING A CAPACITOR.

Attorney: SPAIN  
Serial No.: 08/903143

KLEE, MAREIKE  
BRAND, WOLFGANG  
HERMANN, WILHELM  
ULENAERS, MATHIEU

Docket No.: PHD 96109A  
Patent No.:  
OS Codes : CO0120  
Title : COMPONENT COMPRISING A CAPACITOR.

Attorney: SPAIN  
Serial No.: 08/903143

NELLISSEN, ANTONIUS J.  
VAN OPPEN, PAUL H.  
LOBL, HANS, P.  
KLEE, MAREIKE K.

Docket No.: PHD 98162  
Patent No.:  
OS Codes : 1203RF  
Title : THIN-FILM CAPACITOR.

Attorney: SPAIN  
Serial No.: 09/385279

LOBL, HANS-PETER H.  
WIECHERT, DETLEF U.

Docket No.: PHD 99006  
Patent No.:  
OS Codes : CO0120  
Title : METHOD FOR THE FINE TUNING OF A PASSIVE

Attorney: SPAIN  
Serial No.: 09/479640

KLEE, MAREIKE  
HERRMANN, WILHELM  
MACKENS, UWE  
KEIZER, PAULUS H.

Docket No.: PHD 99008  
Patent No.:  
OS Codes : CO0120  
Title : BREAKDOWN-RESISTANT THIN FILM CAPACITOR WITH STRUCTURE.

Attorney: SPAIN  
Serial No.: 09/483923

LOBL, HANS-PETER  
RAASCH, DETLEF  
BENTIN, HORST  
MUCH, GERD

Docket No.: PHD 99011  
Patent No.:  
OS Codes : CO0120  
Title : PASSIVE CERAMIC COMPONENT.

Attorney: SPAIN  
Serial No.: 09/487151

LOBL, HANS-PETER  
VAN OPPEN, PAUL  
RIJKS, THEO  
KLEE, MAREIKE

Docket No.: PHD 99012  
Patent No.:  
OS Codes : CO0210  
Title : ZERO-IF-CONVERTER WITH RC FILTERS.

Attorney: FALLER  
Serial No.: 09/481143

KLEE, MAREIKE K.  
LOBL, HANS P.  
KIEWITT, RAINER  
VAN OPPEN, PAUL H.

Docket No.: PHD 99014  
Patent No.:  
OS Codes : 1203RF  
Title : MULTIPLE-COMPONENT UNIT.

Attorney: SPAIN  
Serial No.: 09/491626

KLEE, MAREIKE K.  
BRAND, HANS-WOLFGANG  
MACKENS, UWE  
KIEWITT, RAINER

Docket No.: PHD 99016  
Patent No.:  
OS Codes : 1203RF  
Title : THIN FILM CIRCUIT WITH COMPONENT.

Attorney: SPAIN  
Serial No.: 09/491628

BACHMANN, PETER K.  
KLEE, MAREIKE

Docket No.: PHD299011  
Patent No.:  
OS Codes :  
Title :

Attorney:  
Serial No.:

LOBL, HANS-PETER H.  
HUPPERTZ, MARIA  
JAARSMA, GERKE T.

Docket No.: PHN 15661  
Patent No.: 5861709  
OS Codes : BDDT00 BDFT00  
Title : THIN-PANEL PICTURE DISPLAY DEVICE.

Attorney: KRAUS  
Serial No.: 08/775902

KORDIC, SRDJAN  
MUTSAERS, CORNELIS A.  
KLEE, MAREIKE K.  
GROEN, WILHELM A.

Docket No.: PHN 16673  
Patent No.:  
OS Codes : 1201BE  
Title : SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING  
DEVICE.

Attorney: BIREN  
Serial No.: 09/209063

KLEE, MAREIKE K.  
STOTZ, SIEGFRIED

Docket No.: PHQ 88013  
Patent No.:  
OS Codes : CO0450  
Title : METHOD OF MANUFACTURING A SUPERCONDUCTIVE OXIDE

Attorney: SPAIN  
Serial No.: \_\_\_/344198

KLEE, MAREIKE K.  
STOTZ, SIEGFRIED

Docket No.: PHQ 88013A  
Patent No.:  
OS Codes : CO0450  
Title : METHOD OF MANUFACTURING A SUPERCONDUCTIVE OXIDE

Attorney: SPAIN  
Serial No.: \_\_\_/484010

#### Related Technology

BATTERSBY, STEPHEN J.  
MURLEY, DARREN T.  
SHANNON, JOHN M.

Docket No.: PHB 34337  
Patent No.:  
OS Codes : 1203 RF CO 0120  
Title : THIN FILM CAPACITOR ELEMENT.

Attorney: BIREN  
Serial No.: